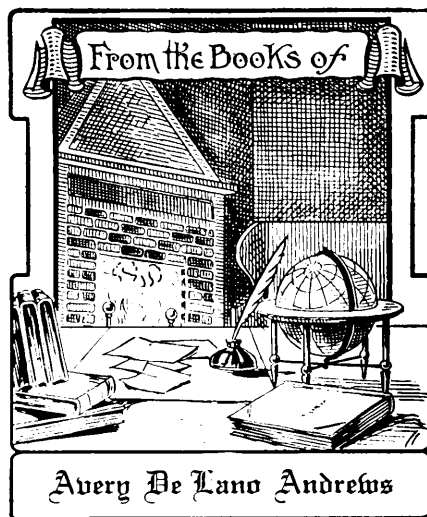


McGhee  
739

*RUSSIAN CAMPAIGNS  
IN TURKEY  
1877-78.*





Avery De Lano Andrews















REPORT  
ON THE  
RUSSIAN ARMY  
AND  
ITS CAMPAIGNS IN TURKEY  
IN  
1877-1878.  

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ATLAS.

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BY  
F. V. GREENE,  
FIRST LIEUTENANT IN THE CORPS OF ENGINEERS, U. S. ARMY, AND LATELY MILITARY ATTACHÉ  
TO THE UNITED STATES LEGATION AT ST. PETERSBURG.

*PUBLISHED BY ORDER OF THE HONORABLE SECRETARY OF WAR, ON THE  
RECOMMENDATION OF THE GENERAL OF THE ARMY.*

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549 AND 551 BROADWAY.  
1879.

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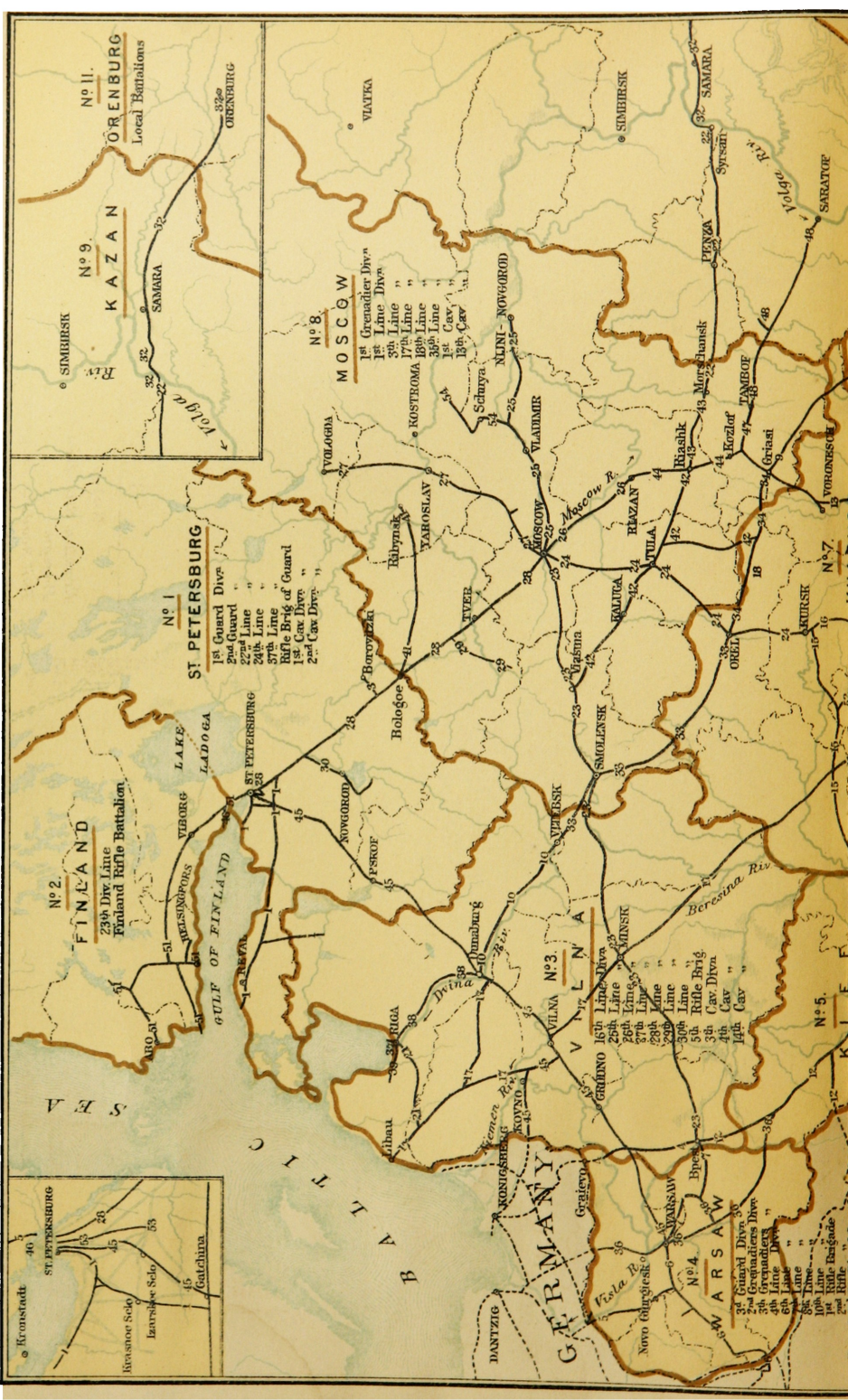
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3. THEATRE OF WAR IN ASIA.
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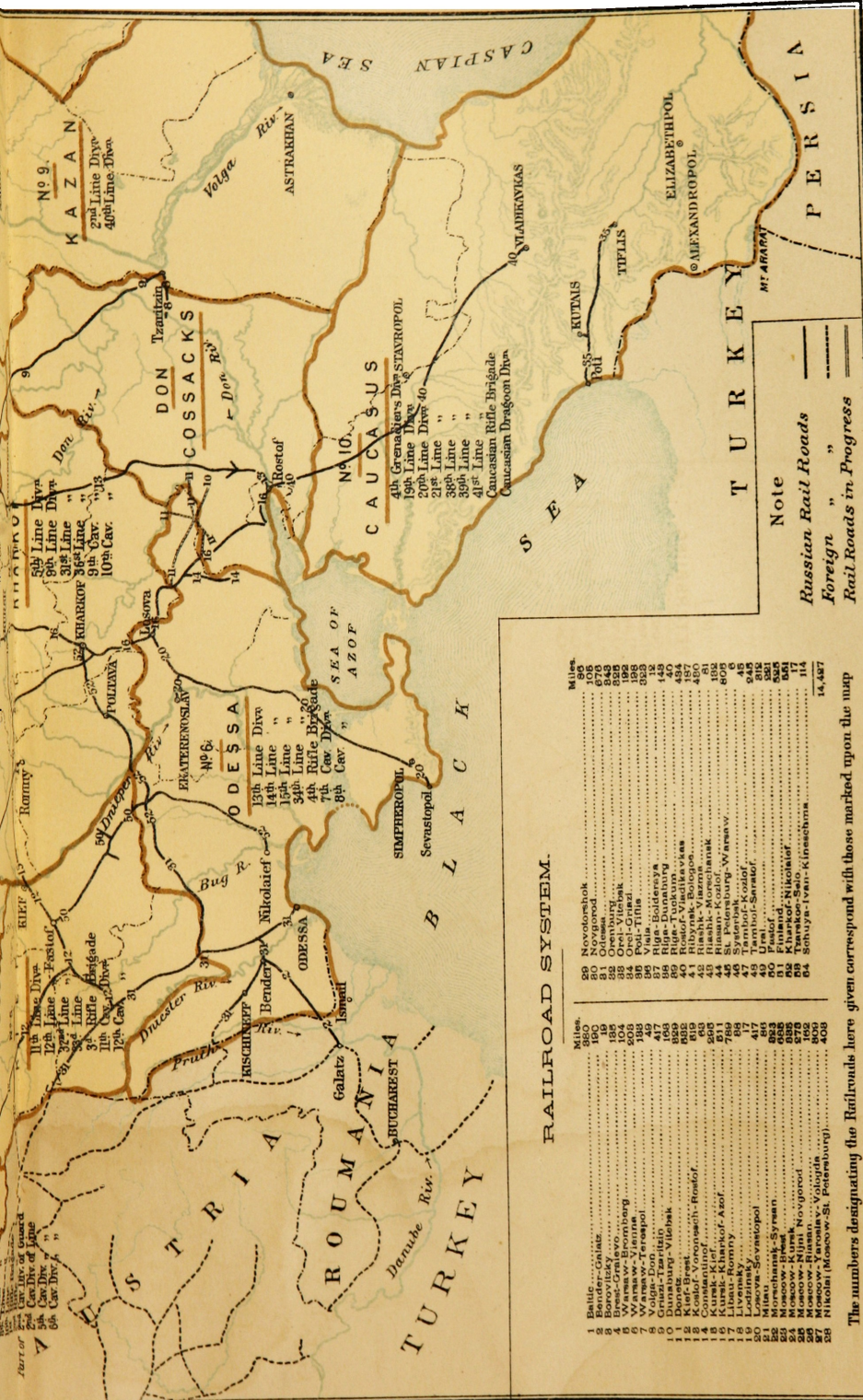
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TURKISH FORTIFICATIONS OF PLEVNA.
24. TURKISH FORTIFICATIONS OF PLEVNA.
25. RUSSIAN FORTIFICATIONS AT PLEVNA.
26. FORTIFICATIONS AT SHIPKA PASS.  
PORTABLE INTRENCHING IMPLEMENTS.



The map illustrates the strategic deployment of Russian forces at the start of World War I. It shows the concentration of units in the West (near the German border) and the East (along the frontiers with Finland, the Baltic states, and the Caucasus). The map includes numerous place names, rivers, and lakes, providing a comprehensive overview of the military landscape of the region.







The numbers designating the Railroads here given correspond with those marked upon the map



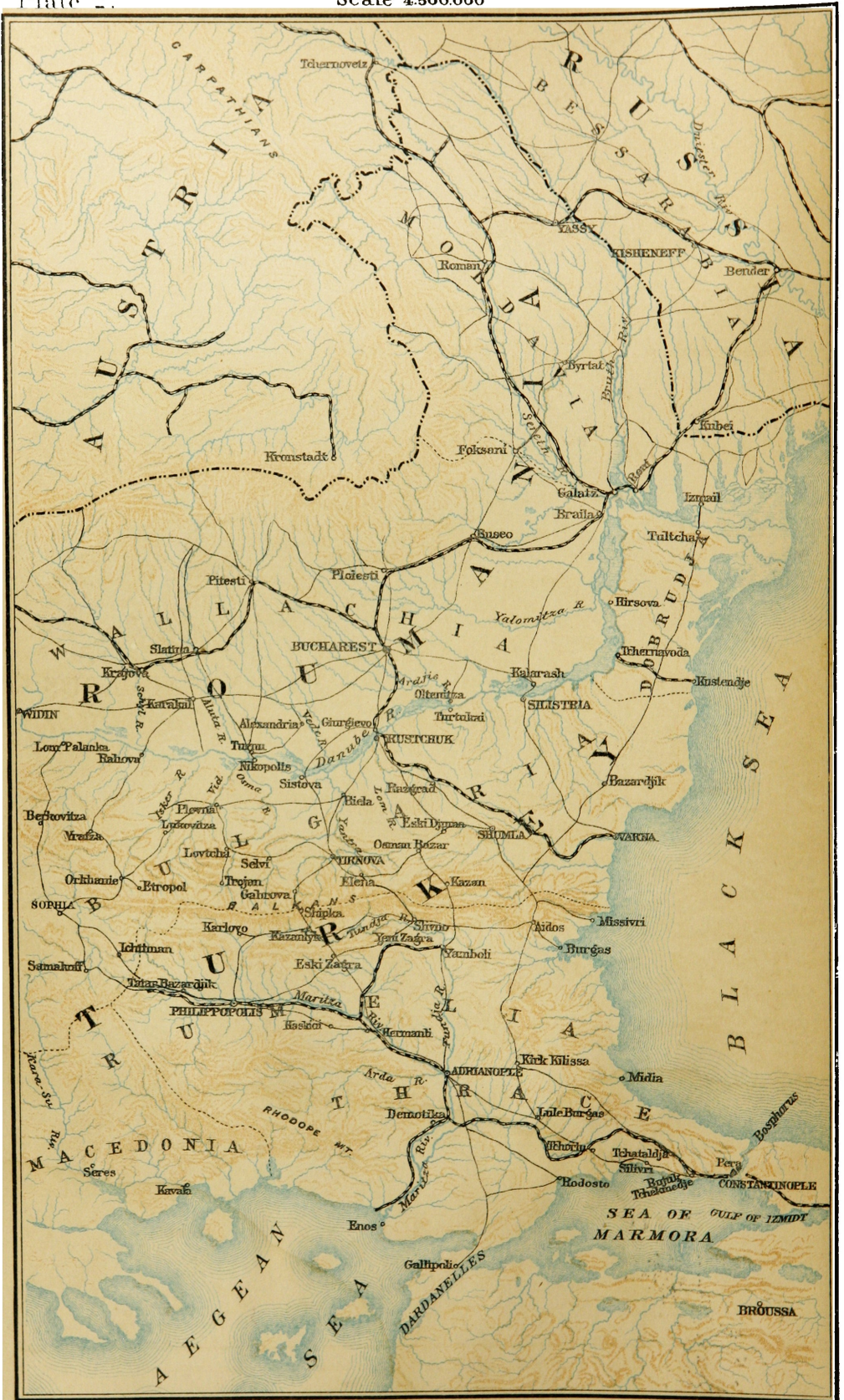




# THEATRE OF WAR IN EUROPE

Plate 2.

Scale 1:500,000







0 20 40 60 80 100 120 140 160 180 200 Miles





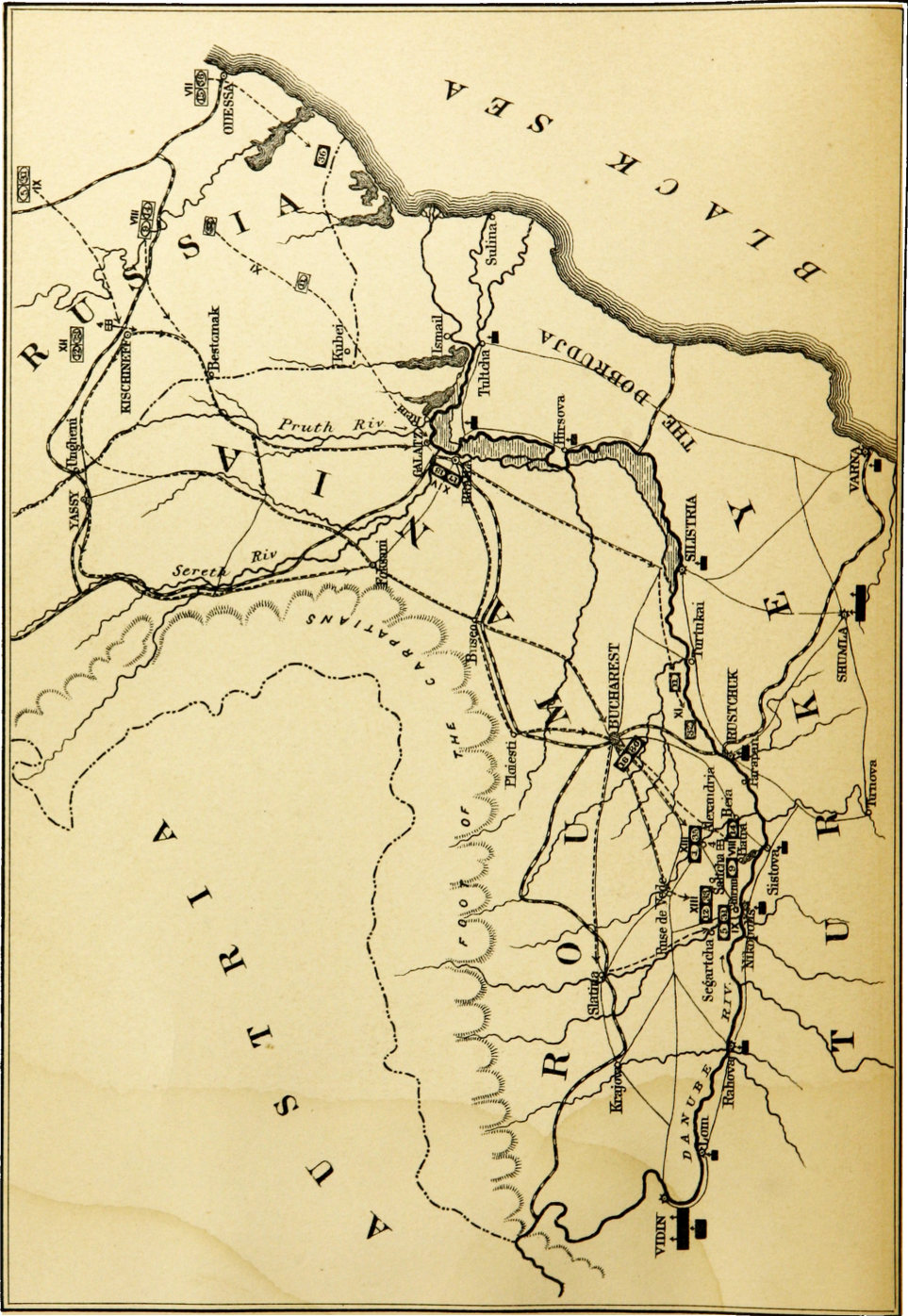


Plate 4.

PROGRESS MAP No 1.

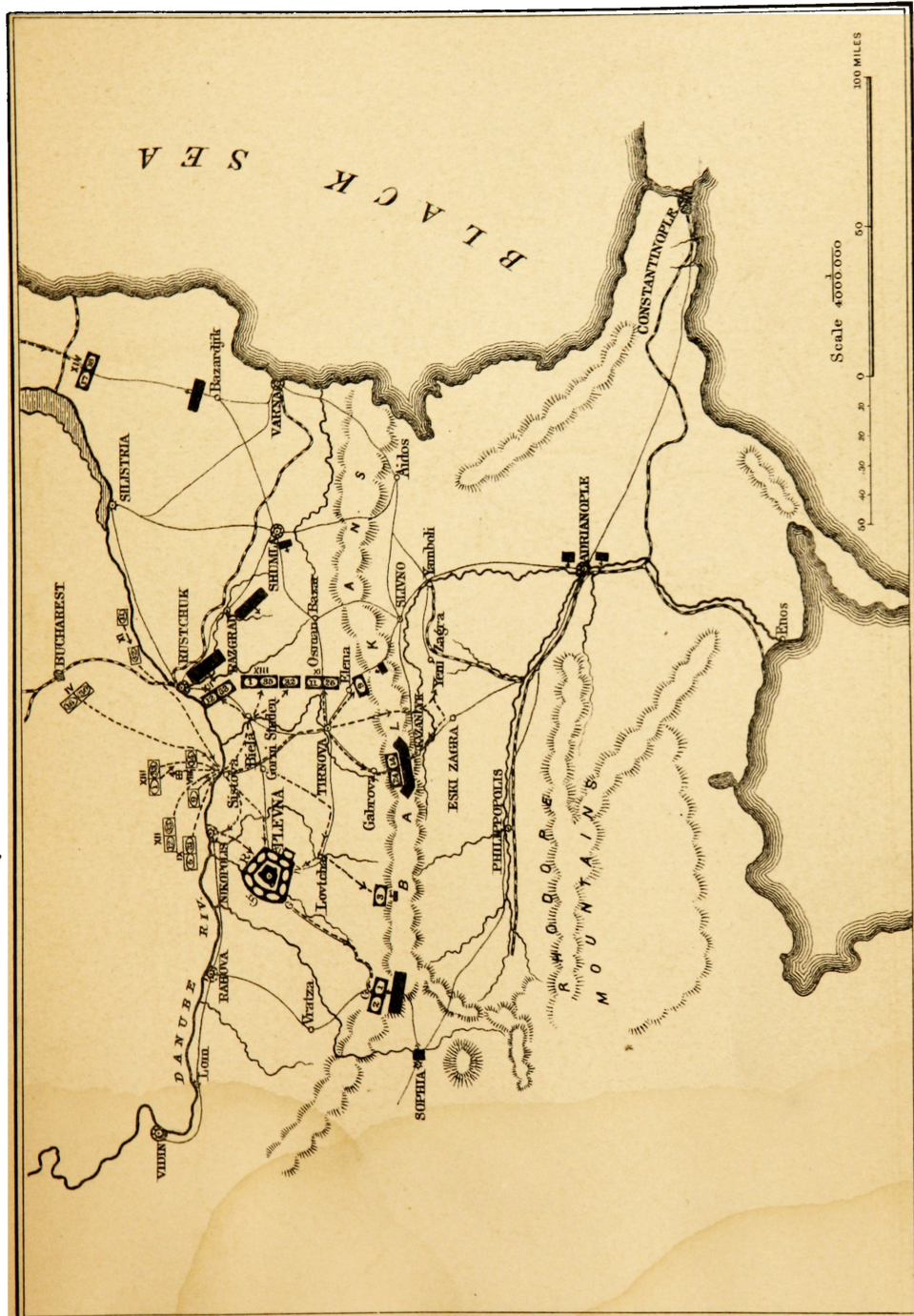
FIRST PERIOD OF THE CAMPAIGN

From the Declaration of War to the Crossing of the Danube, April 24th to June 27th 1877.





SECOND PERIOD OF THE CAMPAIGN  
From the Crossing of the Danube to the Fall of Plezna, - June 27th to December 10th 1877.



Julius Bien, Lith

A Russian Army (1877) consisting of two Infantry Divisions, one Cavalry Division, is represented thus at commencement of a Period, and thus at its conclusion. The Roman numbers designate the Corps (Majority of the Infantry Divisions, the Cavalry and Cavalry are not shown). The Guard is indicated by letter G in place of Roman numbers. Little squares thus designate Divisions thus at beginning of a period and thus at its conclusion. Turkish Troops are represented thus at commencement of a Period, and thus at its conclusion.



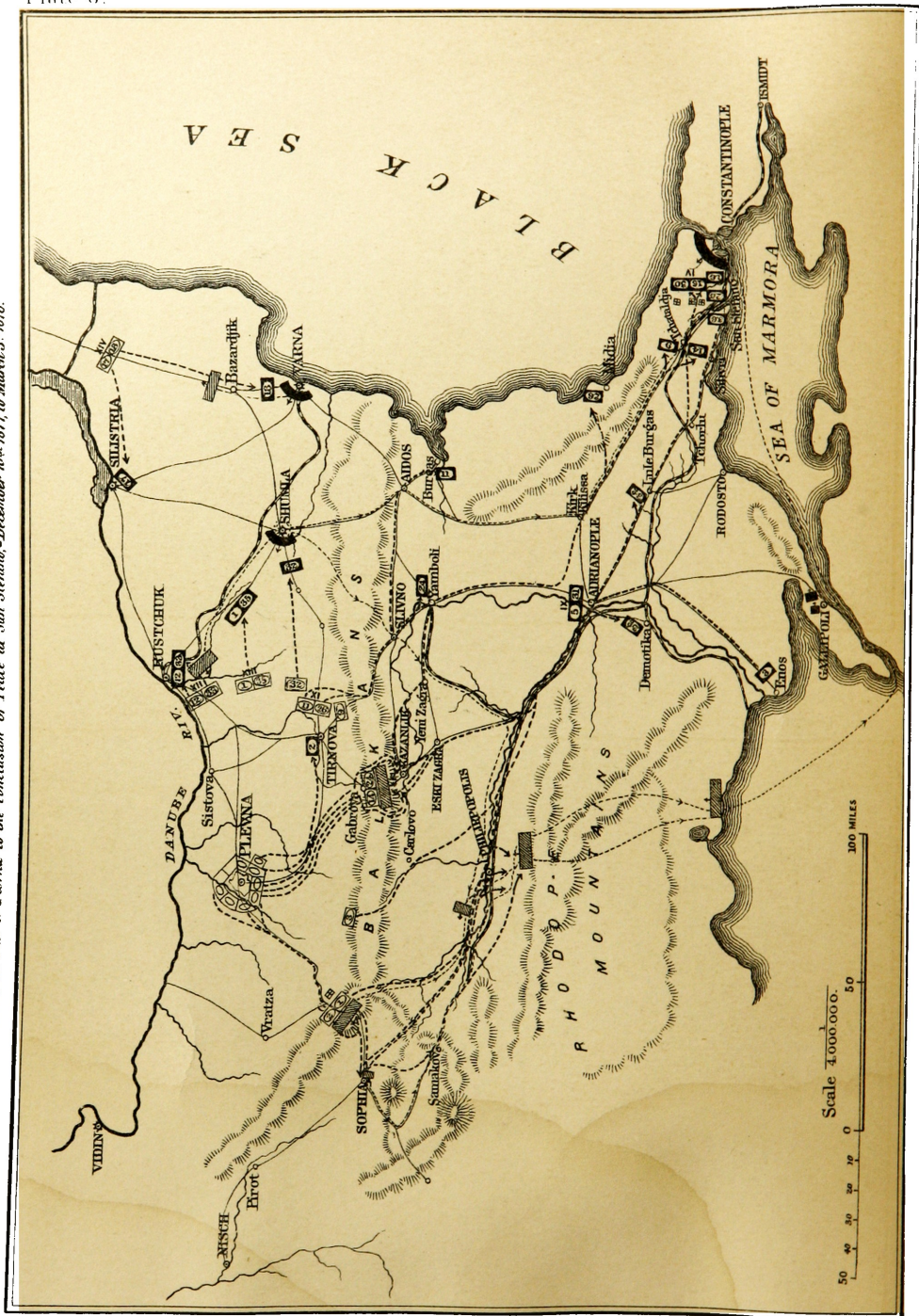




# PROGRESS MAP N°3.

## THIRD PERIOD OF THE CAMPAIGN

*From the Fall of Plevna to the conclusion of Peace at San Stefano - December 10th 1877, to March 3rd 1878.*





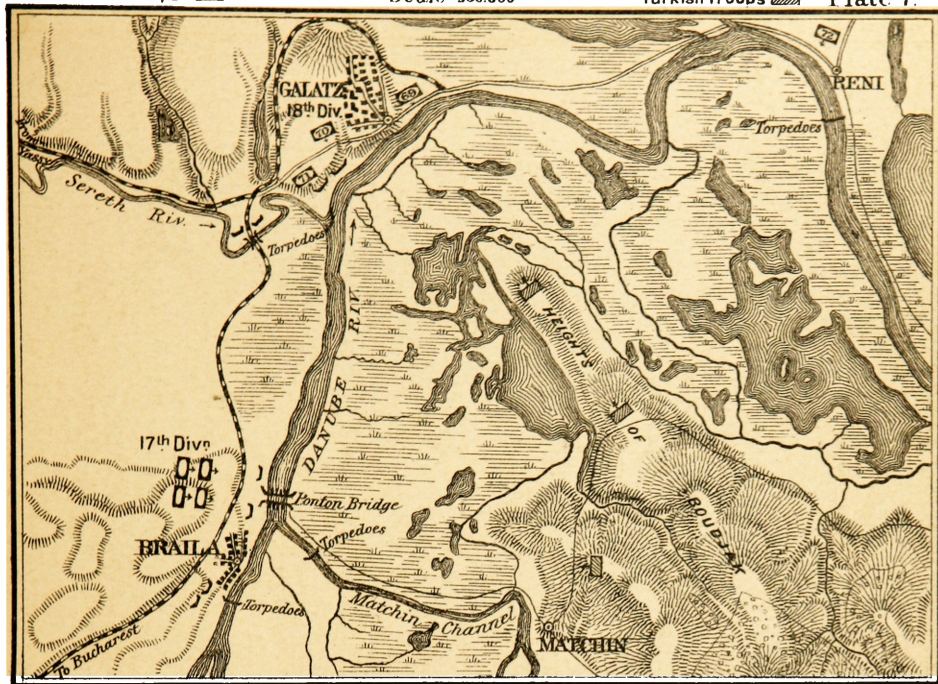
Russian Troops 

# THE CROSSING AT GALATZ

Scale 1:60,000

June 22<sup>nd</sup> 1877.

Turkish Troops  Plate 7.



1 1/2 0 1 2 3 4 5 6 7 8 9 10 Miles

Russian Troops 

# THE CROSSING AT ZIMNITZA-SISTOVA

Scale 1:100,000

June 27<sup>th</sup> 1877.

Turkish Troops 



Julius Bien Lith

Contour Lines at 70 ft. vertical interval  
The positions shown are those of about 11 A.M.  
The Pontoon Bridges were built during the Month of July

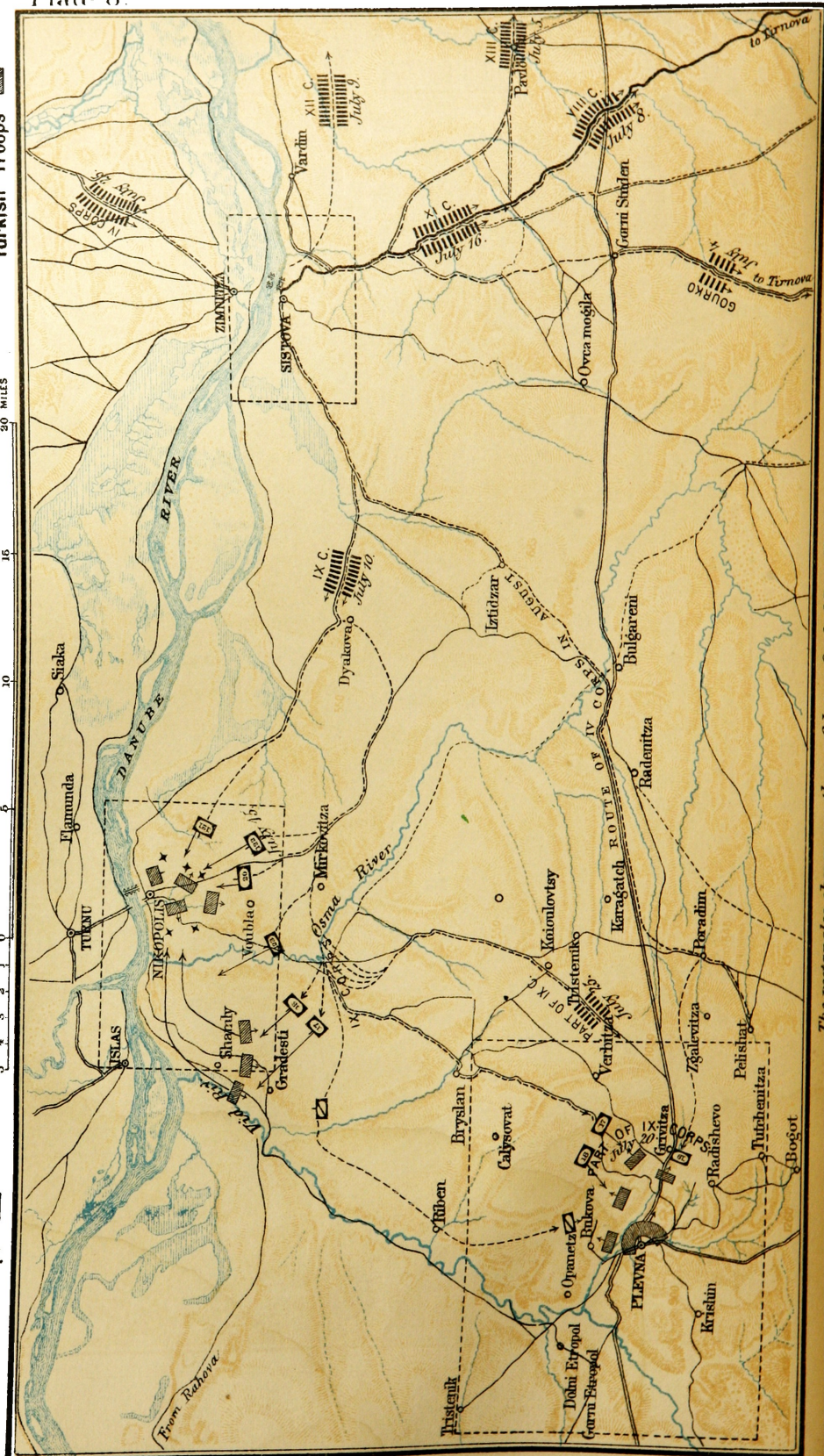
1 1/2 0 1 2 Miles







## Russian Troops

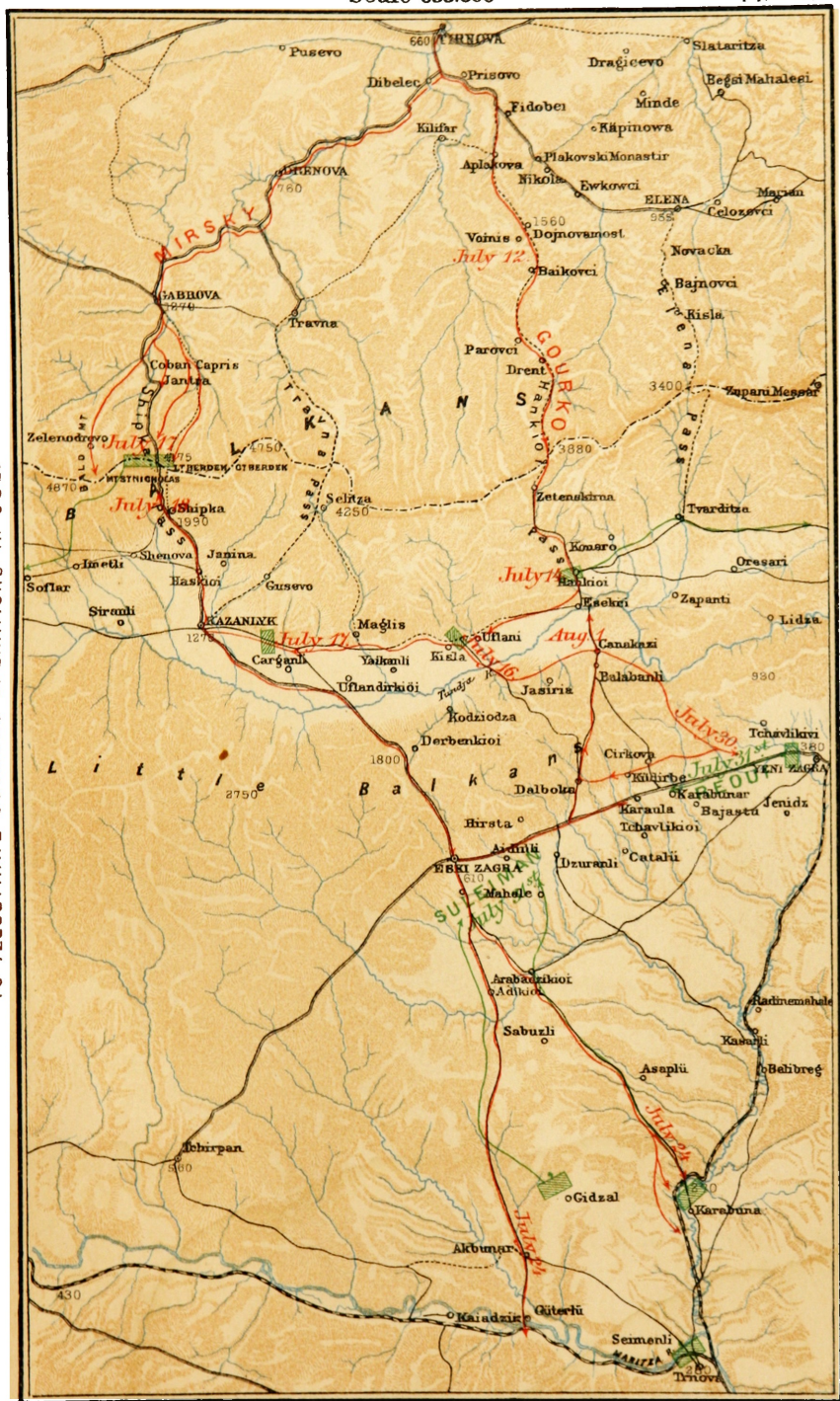


The rectangles shown are those of large Scale Maps Nos 710 & 12.



Scale  $\frac{1}{633.600}$

TO ILLUSTRATE GOURKO'S OPERATIONS IN JULY



A horizontal scale bar with markings at 0, 10, 20, and 30 Miles.

Julius Bien i.uth.







PLAN OF THE POSITIONS NEAR NIKOPOLIS.

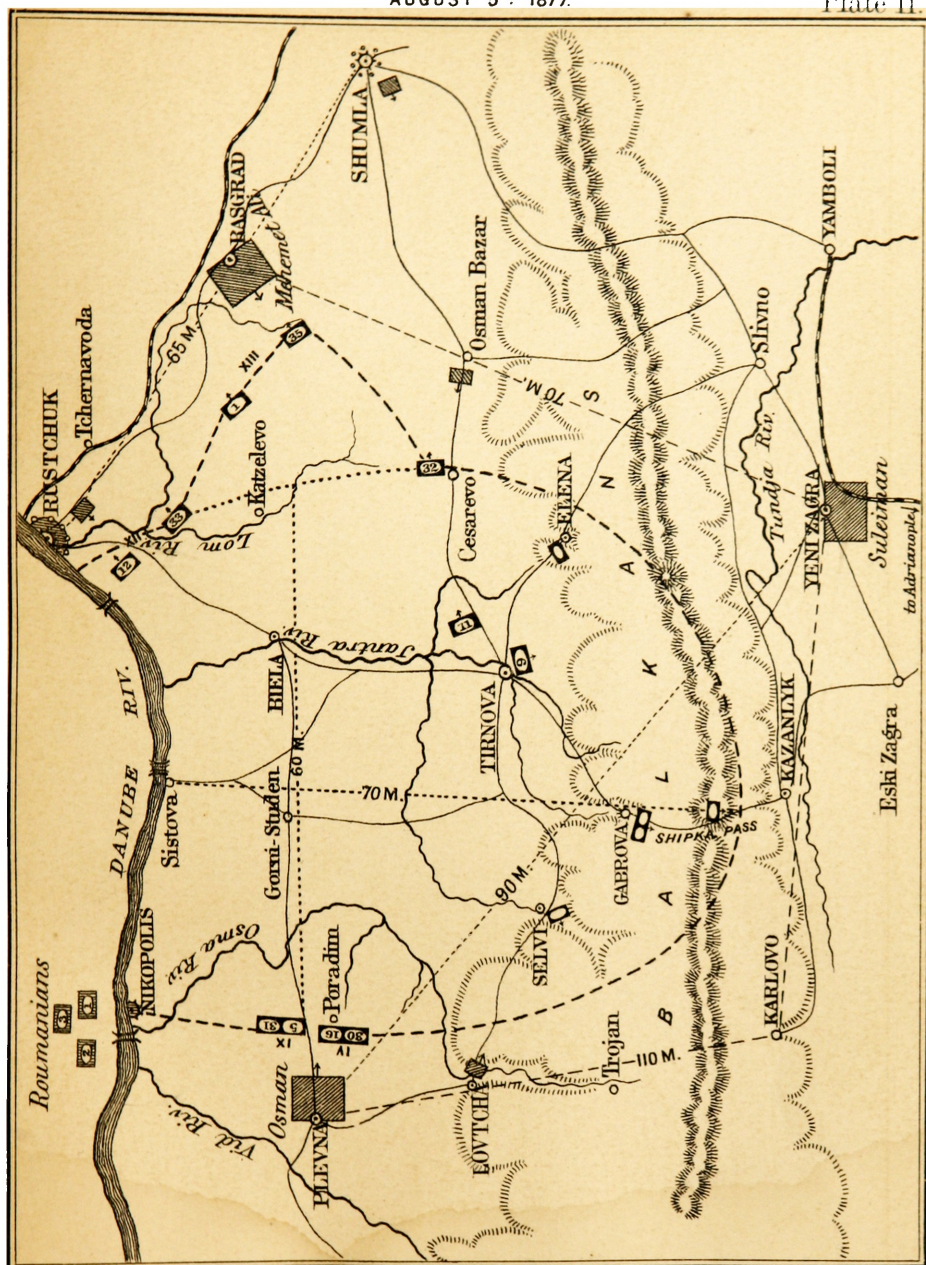




# RELATIVE POSITIONS OF RUSSIAN & TURKISH ARMIES

AUGUST 5<sup>TH</sup> 1877.

Plate II.



Julius Kien, Lith.

## RUSSIANS

HQ QUARTERS AT GORNI STUDEN.

IX C.	35000	INFY - in front of PLEVNA
IV C.		
XII C.	42000	" - on line of LOM
XIII C.	20000	" - in front of OSMAN BAZAR
XI C.		" at Shipka Pass, GABROVA
VIII C.		" ELENA
4 R.B.	23000	" SELVI
Bulg. Legion		" TIRNOVA
	120000	
	35000	Roumanians opposite NIKOPOLIS

## TURKS.

Osman Pasha	50000	INFY PLEVNA
Suleiman Pasha	40000	" YENI ZAGRA
Mehemet Ali Pasha	65000	" RAZGRAD
"	10000	" SHUMLA
"	10000	" RUSTCHUK
"	8000	" OSMAN BAZAR
Adit Pasha	12000	" LOVTCHA
	195000	

10 5 0 10 20 30 40 50 MILES

Scale 1:350,000





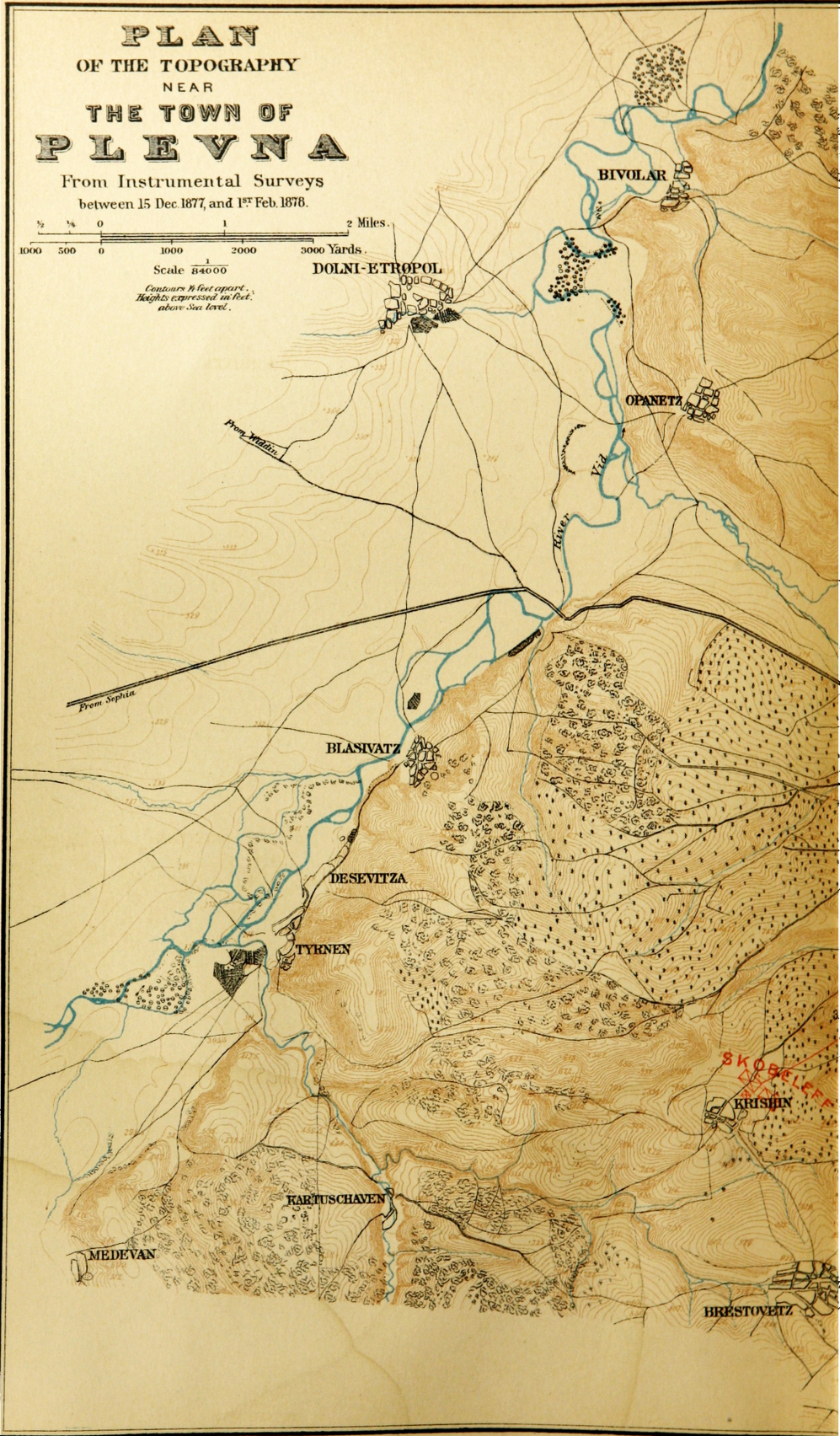


# PLAN OF THE TOPOGRAPHY NEAR THE TOWN OF PLEVNA

From Instrumental Surveys  
between 15 Dec. 1877, and 1<sup>st</sup> Feb. 1878.

1000 500 0 1 2 Miles.  
0 1000 2000 3000 Yards.

Scale 1/84000  
Contours 4 feet apart.  
Heights expressed in feet  
above Sea level.













# SHIPKA PASS

AND  
VICINITY

Scale 42000

Contours at 70 feet.























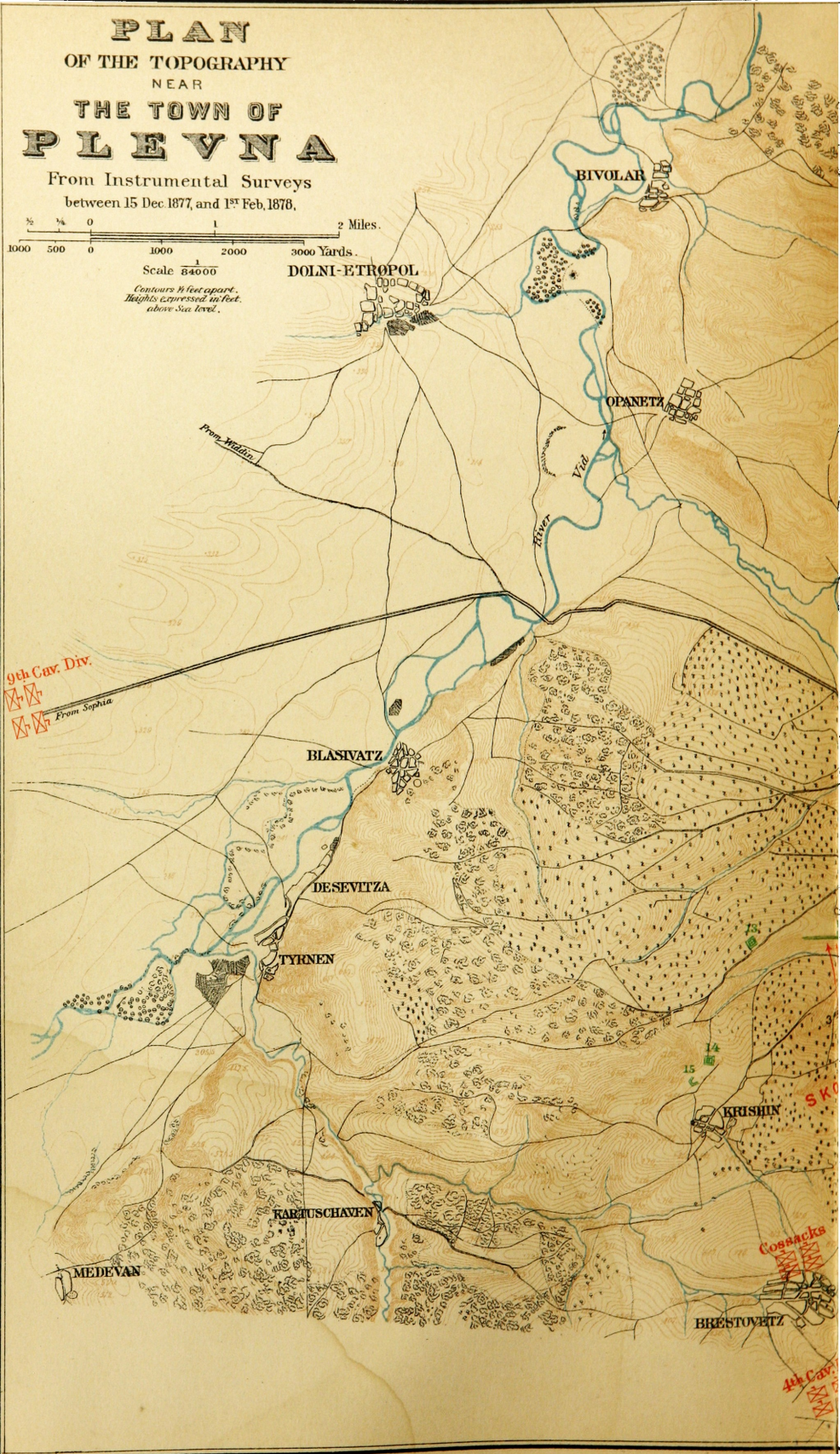


# PLAN OF THE TOPOGRAPHY NEAR THE TOWN OF PLEVNA

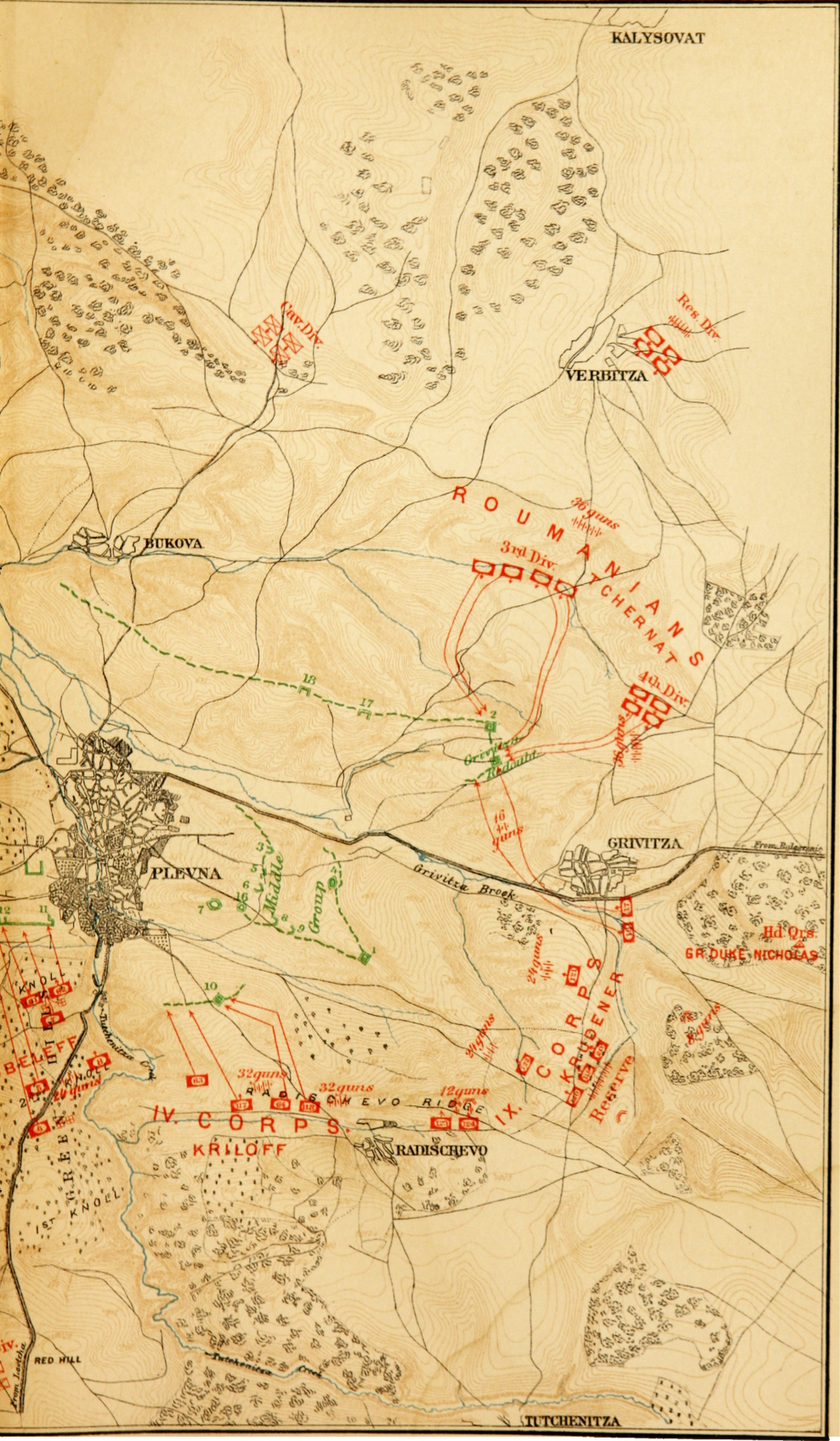
From Instrumental Surveys  
between 15 Dec 1877, and 1<sup>st</sup> Feb, 1878.

Scale 1:84000  
1000 500 0 1 2 Miles.  
3000 Yards.

Contours 10 feet apart.  
Heights expressed in feet,  
above Sea level.













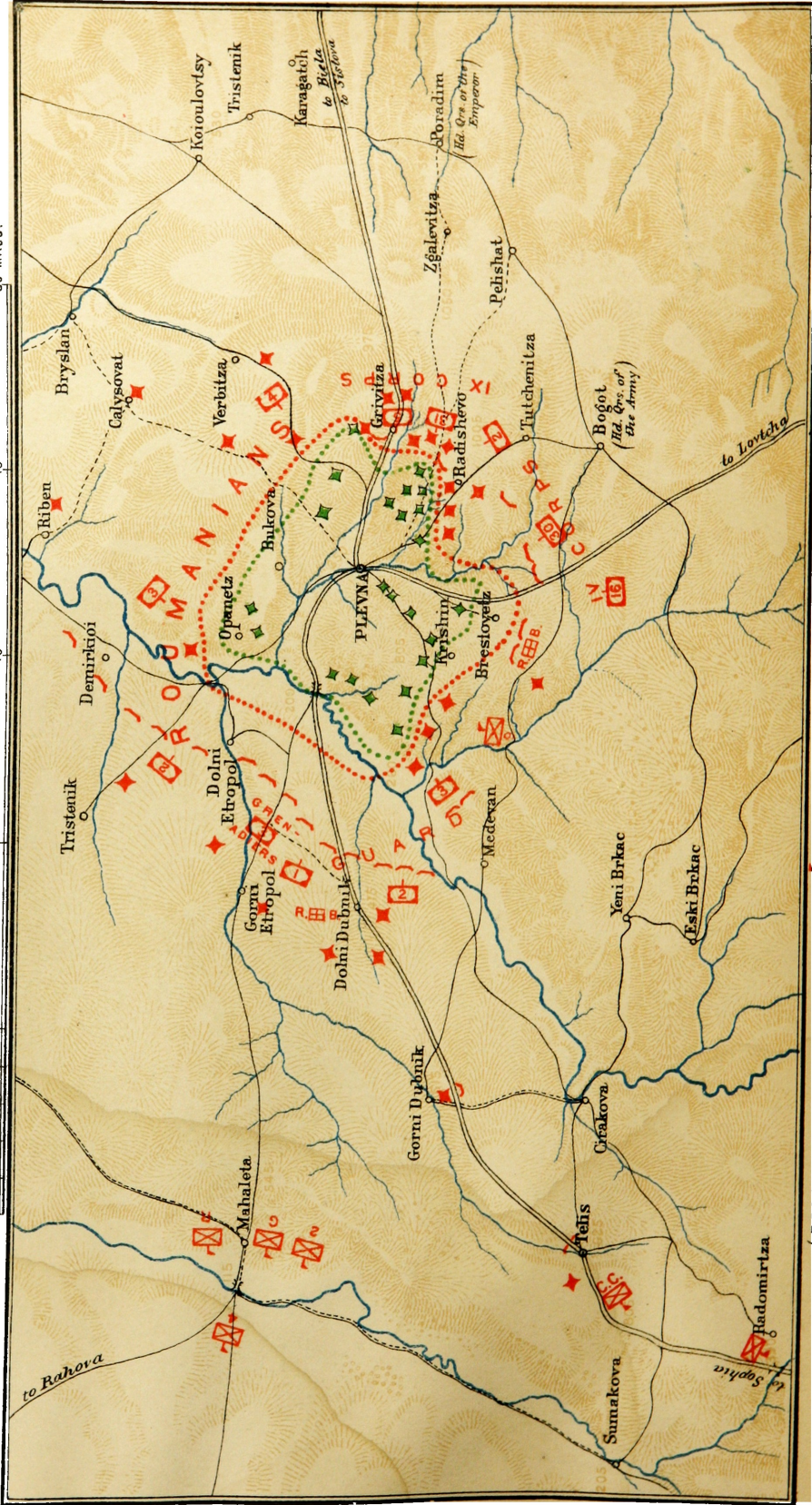
# INVESTMENT OF PLEVNA.

POSITIONS OF TROOPS NOVEMBER 5<sup>th</sup> 1877.

20 Miles.

Scale 300,000

5 4 3 2 1 0 5



REDOUTS  
BATTERIES  
INF. DIVN.

CAV. DIVN.  
RIFLE BRIG.

LINE OF PICKETS

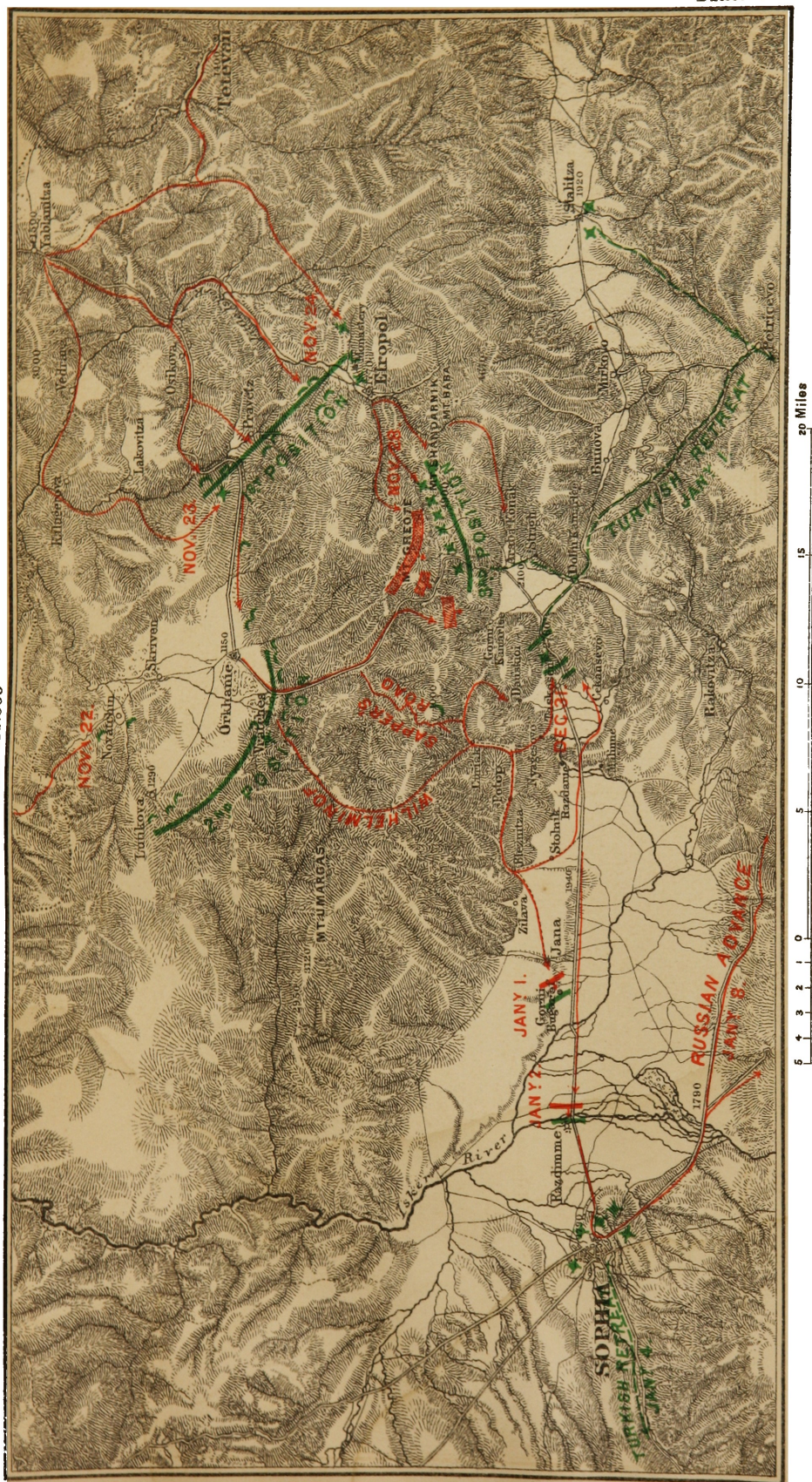
REDOUTS  
LINE OF PICKETS

TURKISH



# PASSAGE OF THE BALKANS NEAR SOPHIA, DEC. 25-31 1877.

Scale 420,000











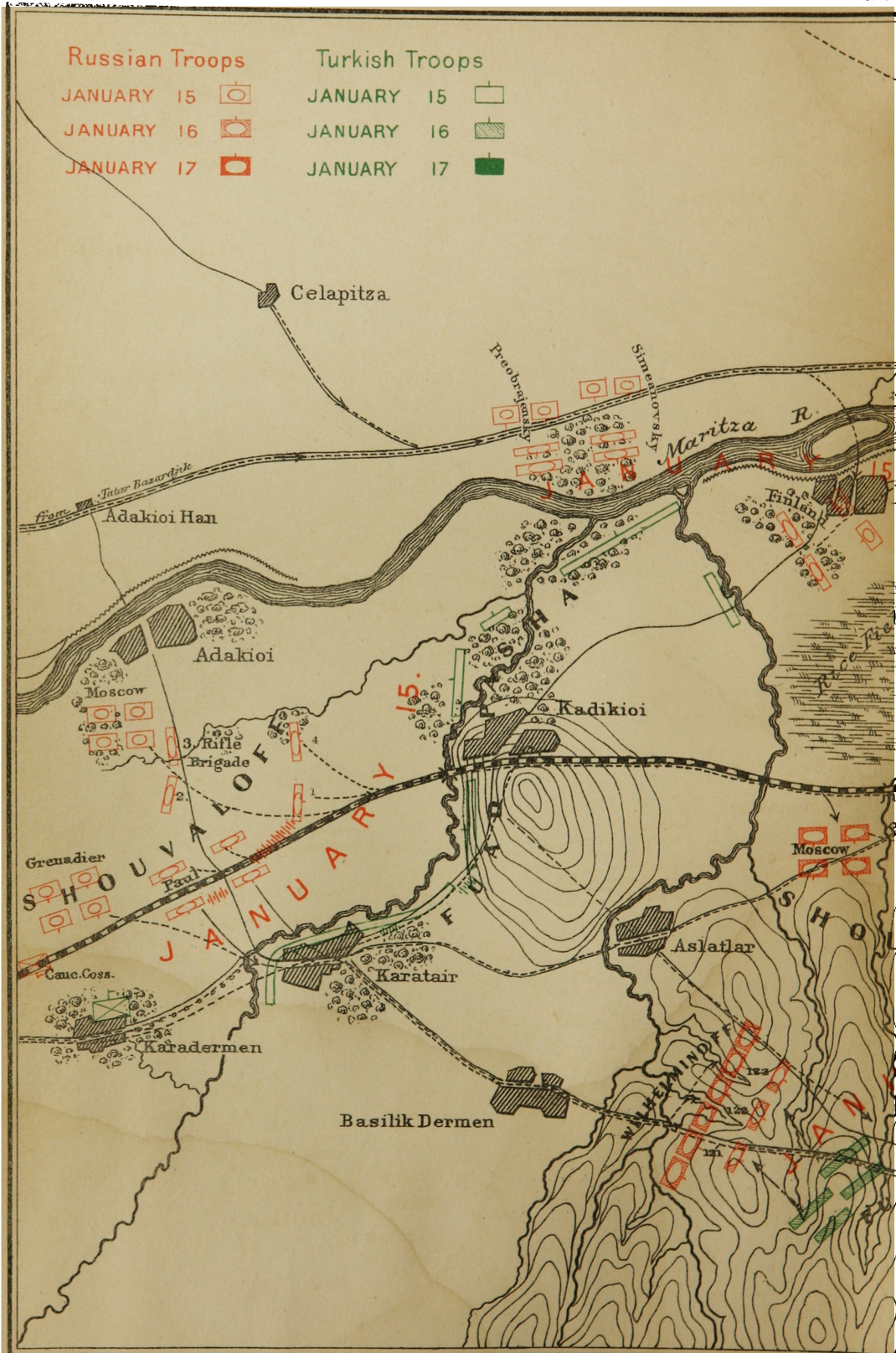


















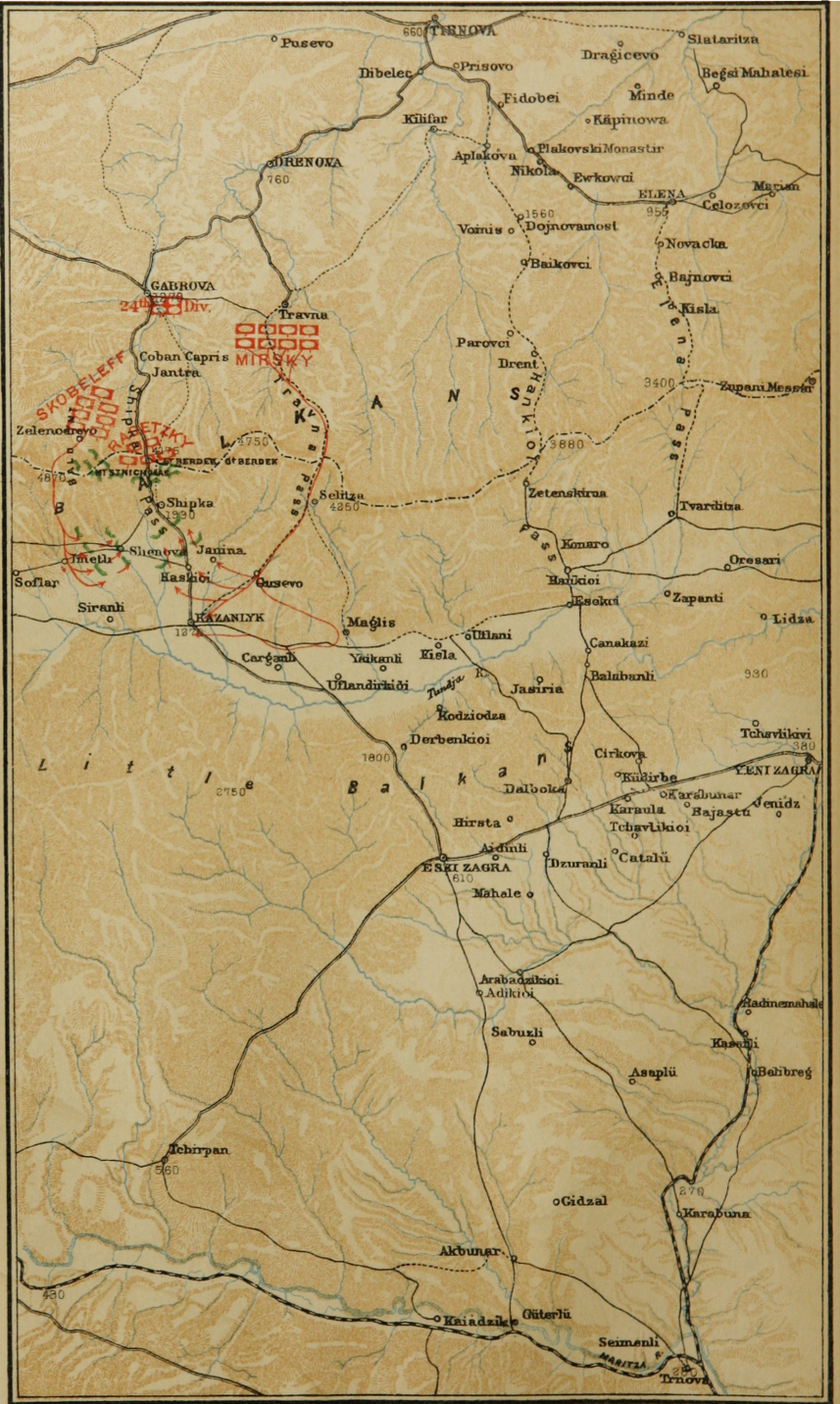




# MAP OF THE BALKANS, NEAR SHIPKA PASS. Scale 633,600

Plate 21

TO ILLUSTRATE THE CAPTURE OF THE TURKISH ARMY AT SHIPKA



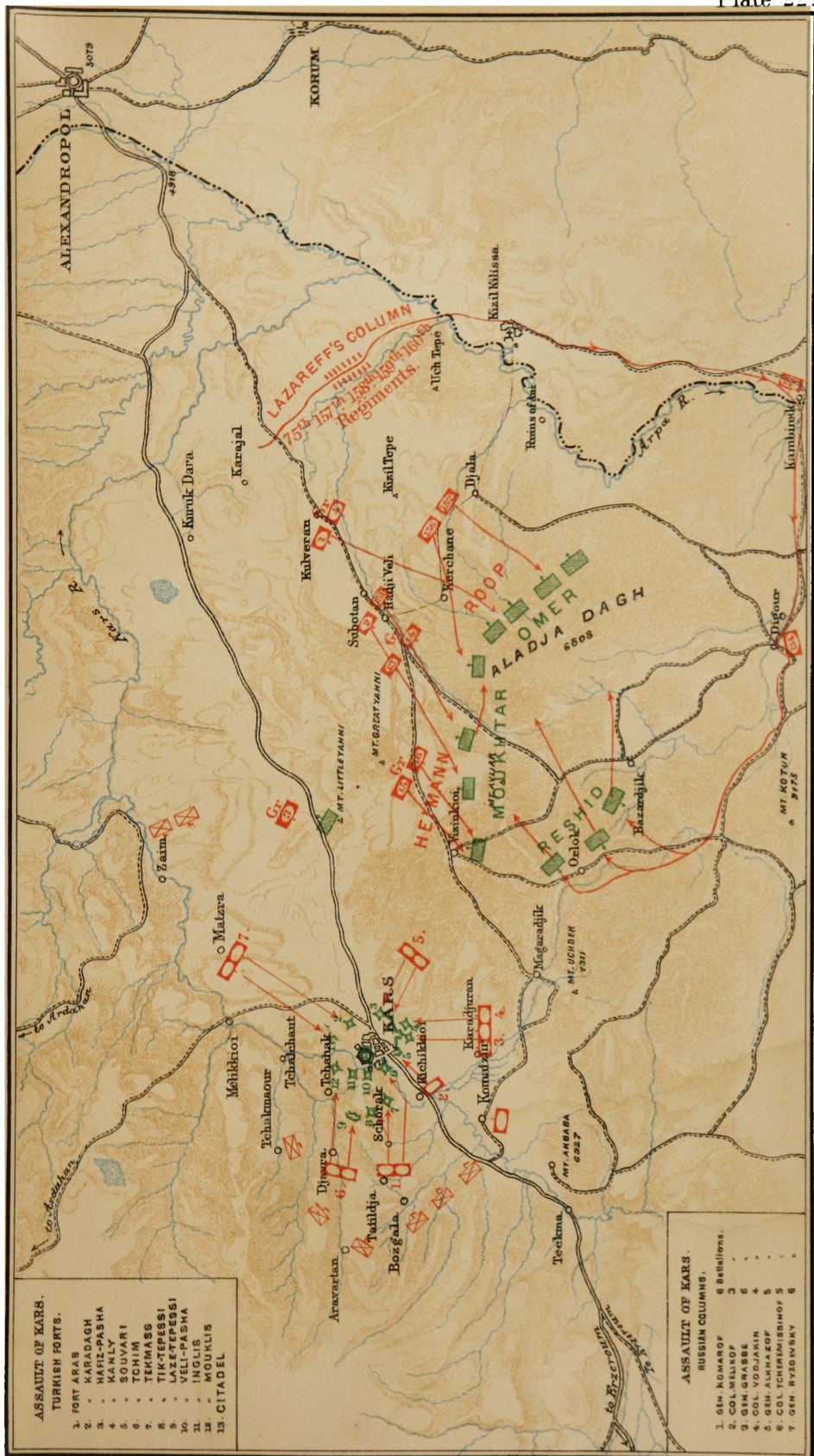
0 10 20 30 Miles

Julius Bier: 1stn



# ASSAULT OF KARS NOV 17. 1877.

Scale 1/420,000



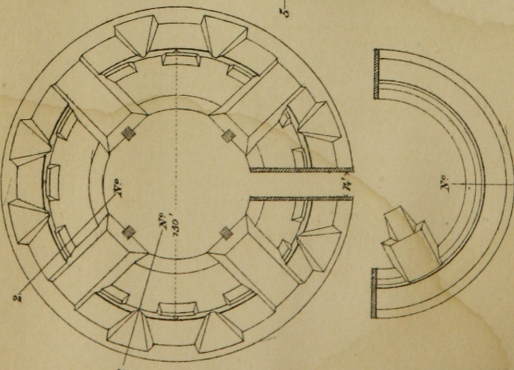




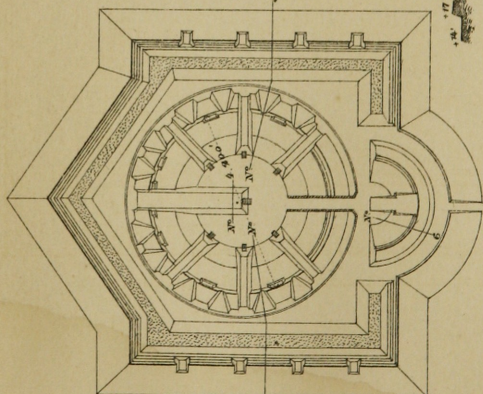


## FORTIFICATIONS OF ADRIANOPLE.

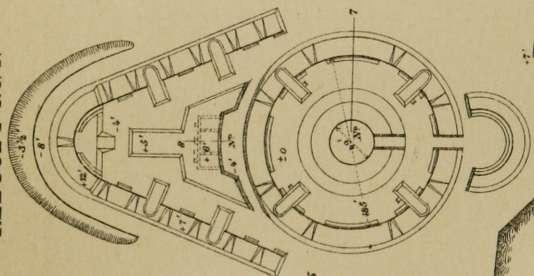
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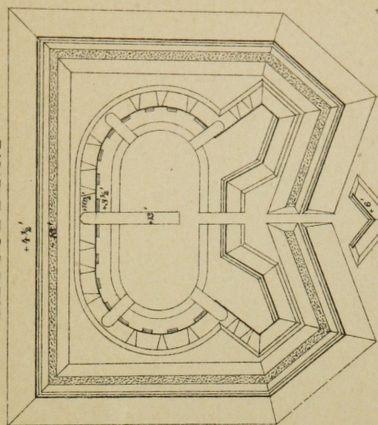
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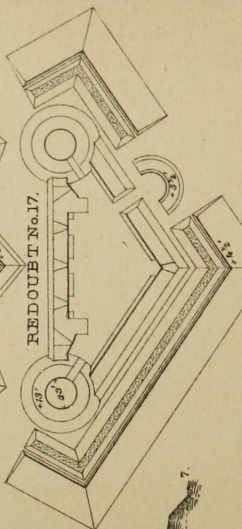
RED DOUBT No. 9.



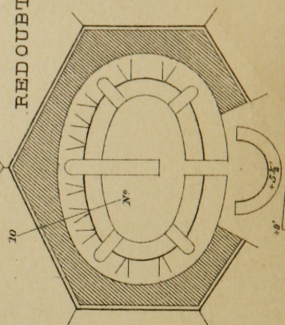
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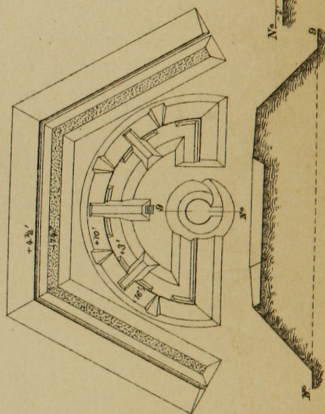
REDOUBT No.17.



REDOUBT No. 11.



RED DOUBT No. 4.



SCALES:

for Plan of Redoubt No. 16.

0 20 40 60 80 100

for other plans

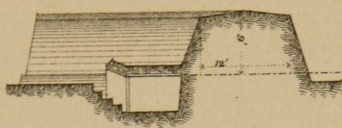
for other points.

for needles

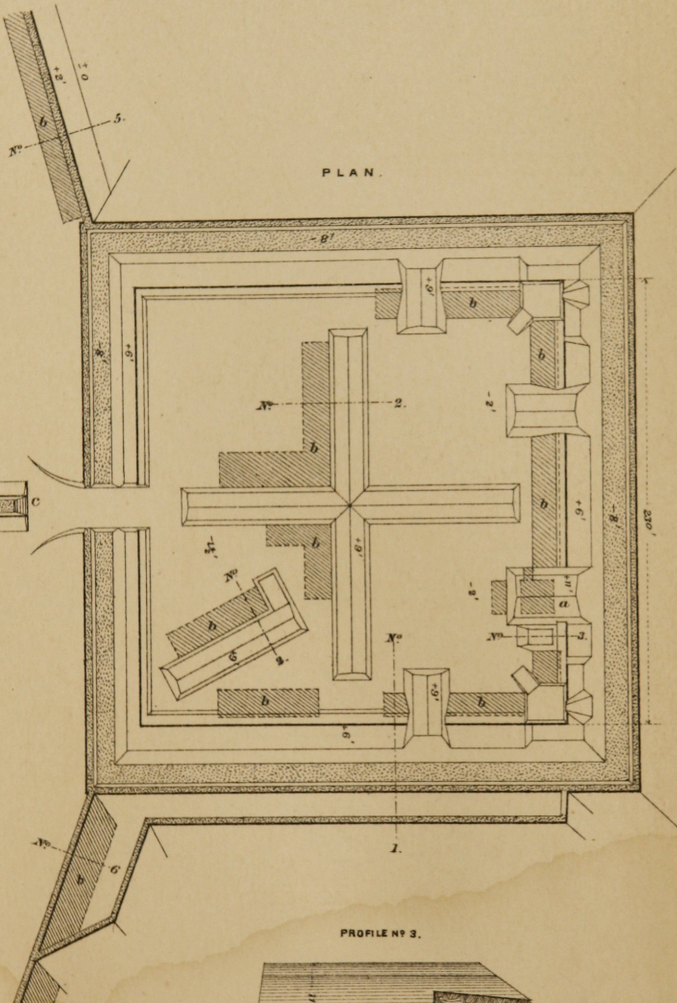


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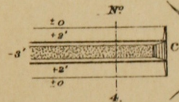
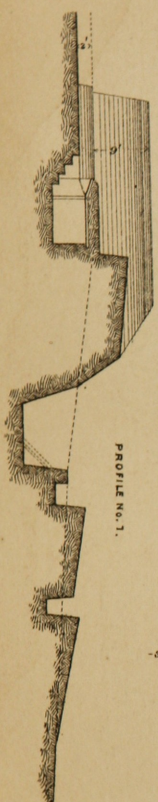
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PLAN.



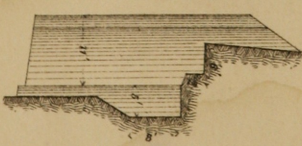
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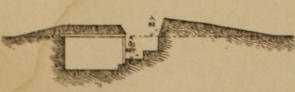
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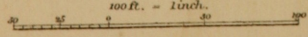


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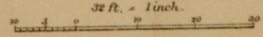
Scale for Plan.

100 ft. = 1 inch.



Scale for Profiles.

32 ft. = 1 inch.

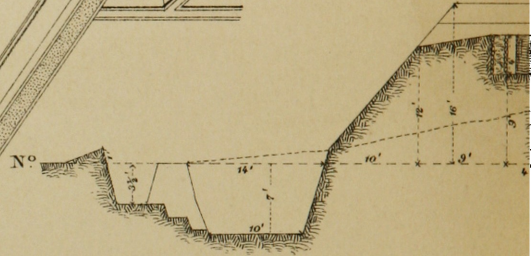
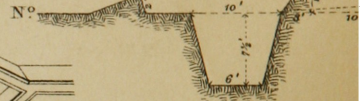
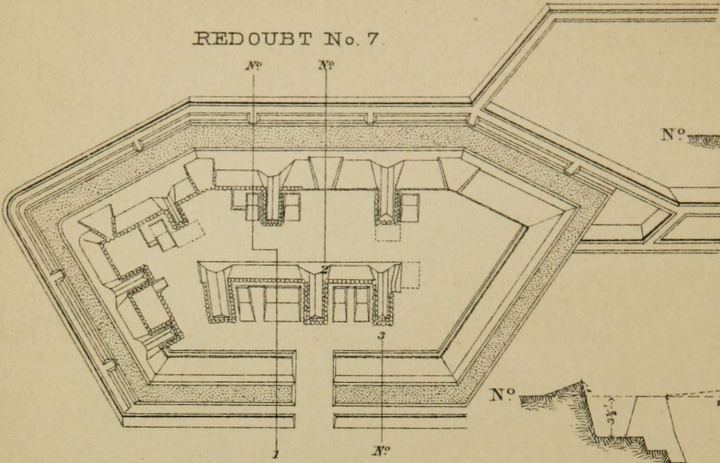




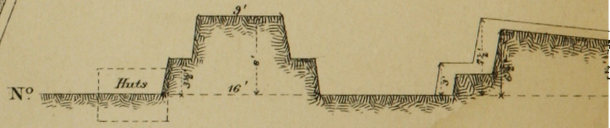
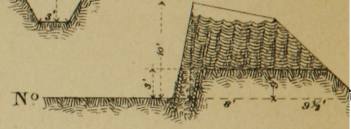
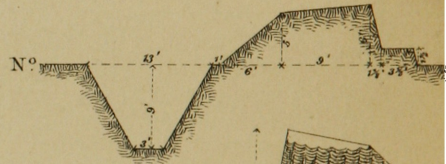
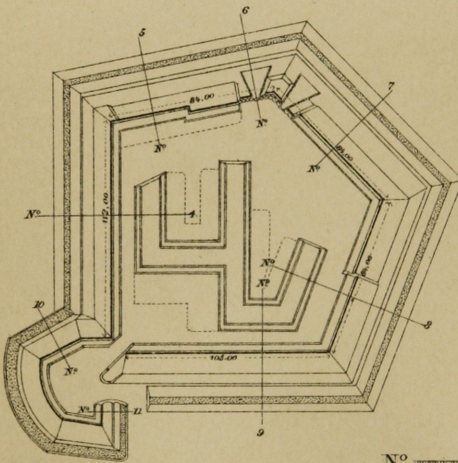




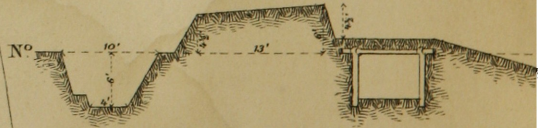
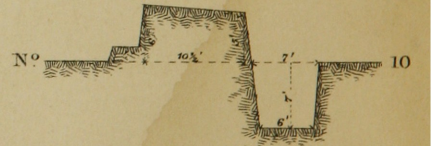
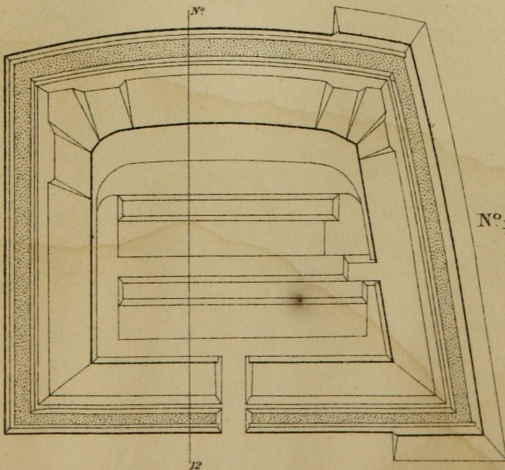
REDOUBT No. 7.



REDOUBT No. 26.



REDOUBT No. 38.





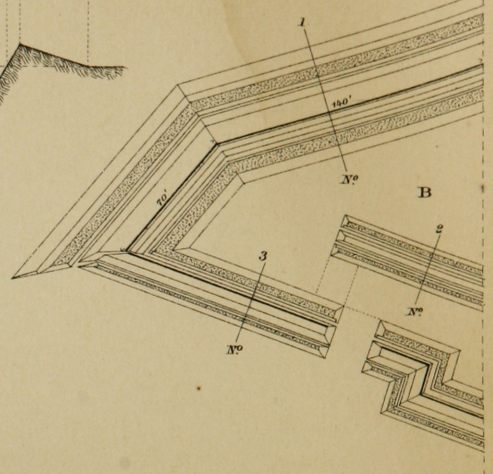
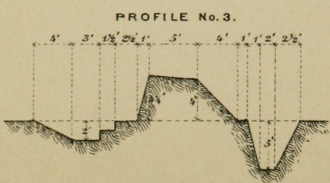
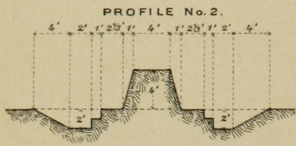
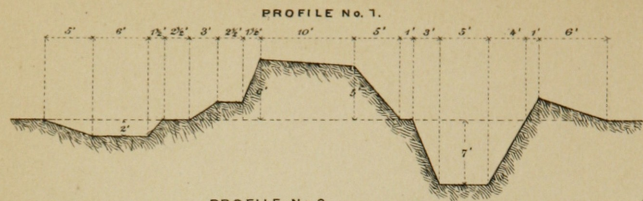






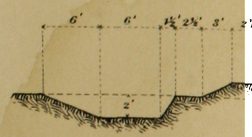
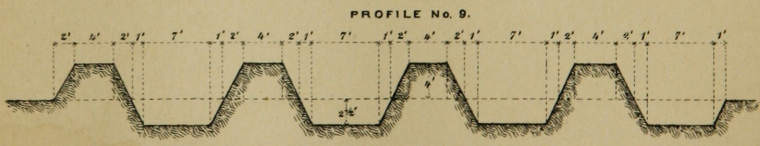
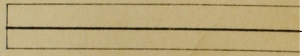
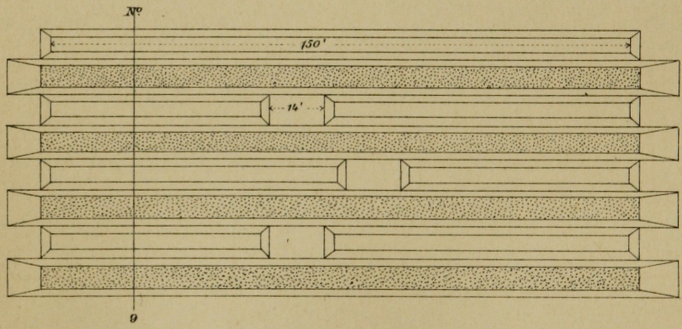


NORMAL FORM



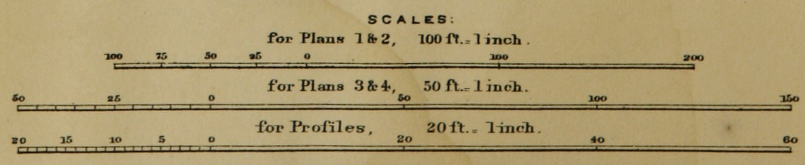
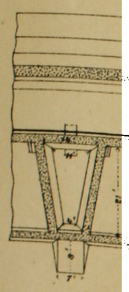
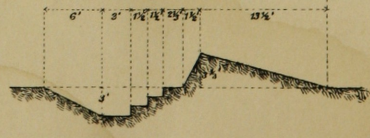
3.

NORMAL FORM OF SHELTER FOR RESERVE.



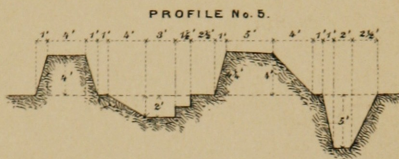
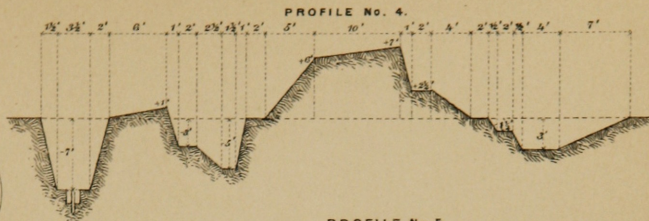
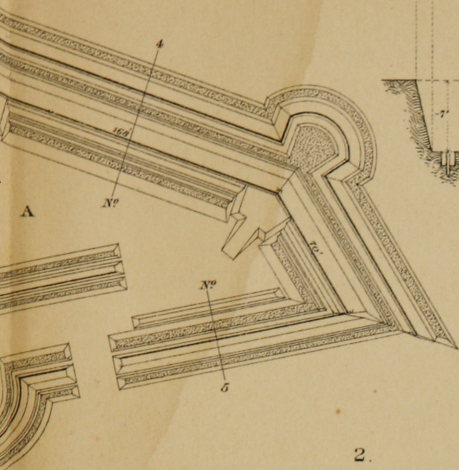
5.

NORMAL PROFILE OF TRENCH FOR INFANTRY.

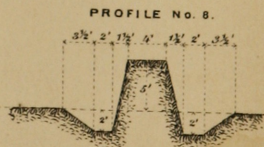
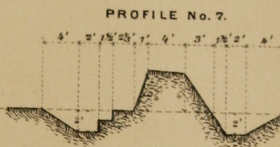
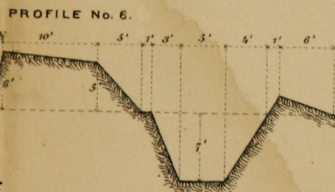
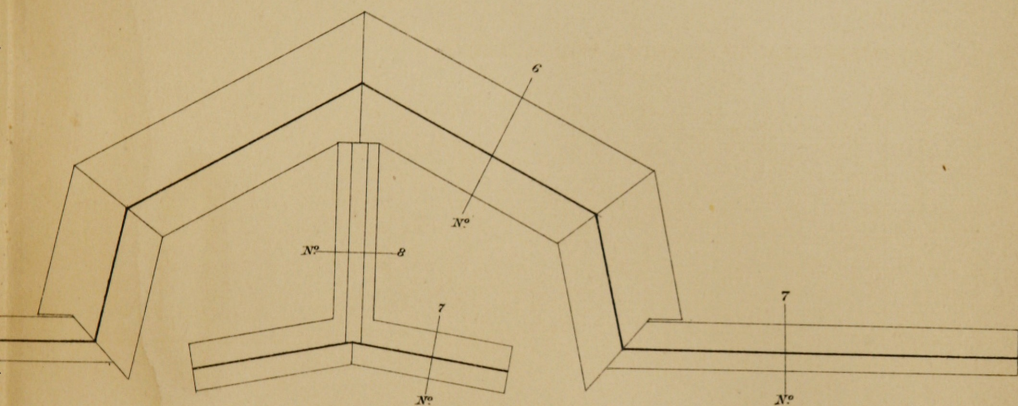




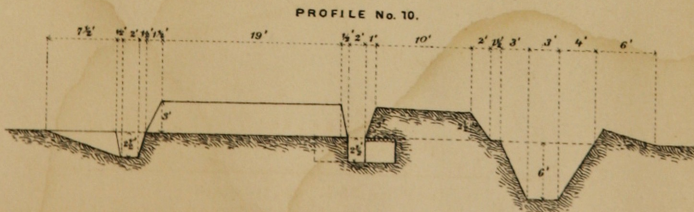
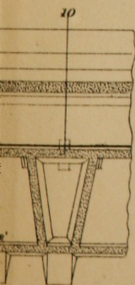
OF REDOUBTS.



2.  
NORMAL FORM OF LUNETTE,  
WITH TRAVERSE AND TRENCHES FOR RESERVE.



4.  
NORMAL FORM OF HORIZONTAL BATTERY.









# FORTIFICATIONS AT SHIPKA PASS.

Fig. 1.

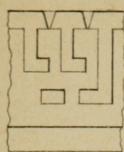


Fig. 2.

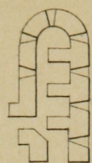


Fig. 3.

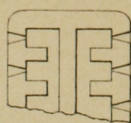


Fig. 4.

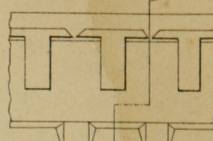


Fig. 5.



Fig. 6.

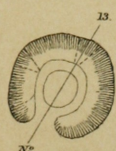
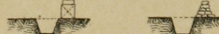


Fig. 8.

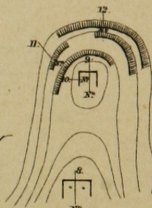


Fig. 7.

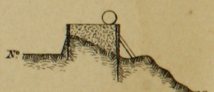
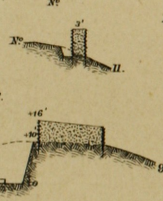
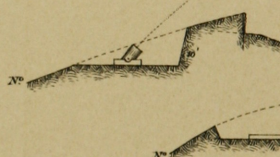
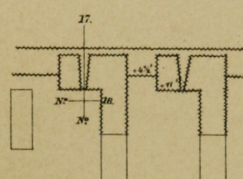


Fig. 9.

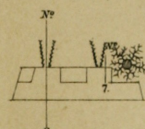


Fig. 10.

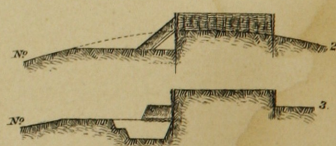
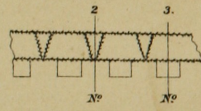


Fig. 11.



Fig. 12.



Fig. 13.

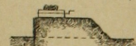
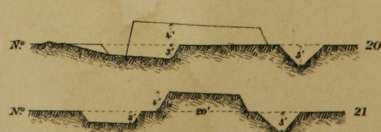
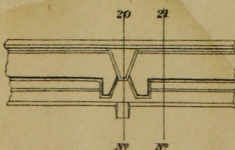
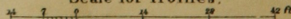


Fig. 14.

BATTERY NEAR ORKHANIE.



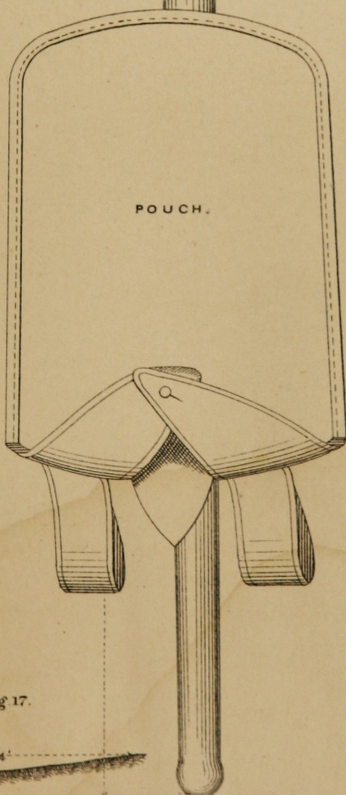
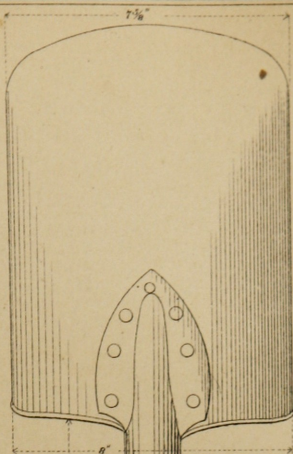
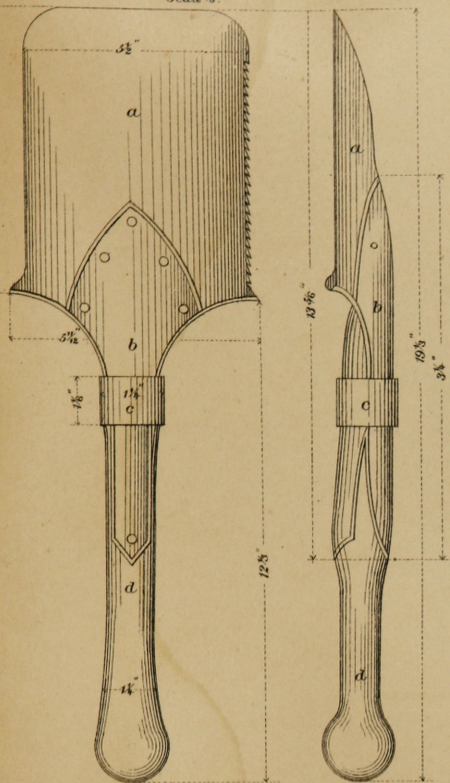
Scale for Profiles.





LINNEMAN SPADE

Scale 3/4.



POUCH

Scale 3/4.

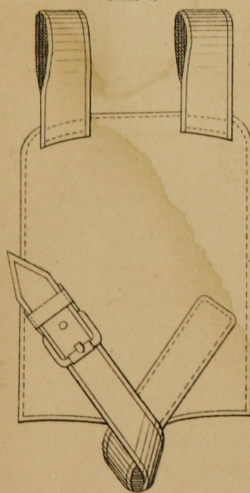


Fig 15.

SAPPER SPADE

Scale 3/4.

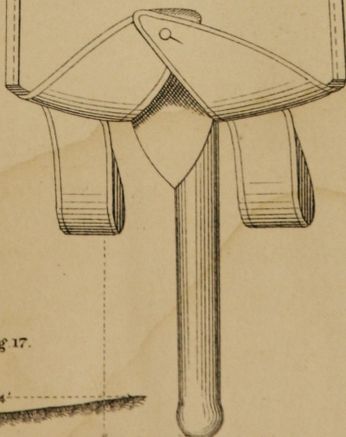


Fig 17.



Fig 16.















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